



Jeddah Knowledge International School
IXL Grade 10 going to 11 Summer Study Breakdown
(2020-2021)

Part 1:

Students need to review from their exercise books, revision packs and summer homework to prepare for the background knowledge test that will take place on the 20th of September of next academic year. The test will be based on all the concepts taken in grade 10.

IXL Skill

Go to 11th Grade -Algebra 2:

Algebra 2: T.5 Write equations of parabolas in vertex form from graphs

Algebra 2: T.9 Graph parabolas

Algebra 2: BB.6 Write a formula for an arithmetic sequence

Algebra 2: BB.7 Write a formula for a geometric sequence

Part 2:

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IXL Skill

Go to 11th Grade -Algebra 2:

Algebra 2: R.1 Convert between exponential and logarithmic form: rational bases

Algebra 2: Y.3 Trigonometric ratios: sin, cos, and tan

Algebra 2: Y.14 Trigonometric ratios: find a side length

Algebra 2: Y.15 Trigonometric ratios: find an angle measure

Part 3:

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IXL Skill

Go to 11th Grade -Algebra 2:

Algebra 2: Y.17 Law of Sines

Algebra 2: Y.18 Law of Cosines

Algebra 2: Y.21 Area of a triangle: Law of Sines

Please note that The Math IXL HW should be completed before the 2nd of August as this will be the cutoff date for the calculation of scores.